### P2M - DEPARTEMEN TEKNIK MESIN FAKULTAS TEKNIK UNIVERSITAS INDONESIA

# DRONE PHOTOGRAPHY VIDEOGRAPHY



## What Will I Learn?

- Choose the right multirotor, drone, or aerial platform
- Fly confidently and safely while obeying the laws
- Add a video downlink system to your drone
- Capture aerial shots that tell a story

#### CHAPTERS

- Safety and Common Sense
  - Introduction, Commersial Use, FAA Regulations, Three Main Rules to Follow, Flight Log
- Flight Training
  - The best quadcopters for learning to

- fly under \$50.00
- Basic Controls, Maneuvers to Practice
- Maintaining and Regaining Orientation
- Choosing an Aerial Platform
  - DJI Mavic Pro Review, DJI Phantom 4 Pro Review, DJI Inspire 1 Pro Review, DJI Inspire 2 RAW Review, DJI Matrice 600 Pro Review
- ◆ First Person View (FPV)
  - Video Downlink Demonstration and Setup Guide, Longer Range Options
  - DJI Firmware and Settings
  - Updating Firmware, Gimbal Limits, Advanced IMU Calibration, Fail-safes, Advanced Modes
- Preflight Checklist, Takeoff and Landing
  - Preflight Checklist, Equipment Check and Packing, Compass Calibration, Takeoff and Hover Check, Ground and Catch Landing Demonstration, Fail-safe Demonstration, Situations Fail-Safe will Fail
- Aerial Video & Photo Processing and Editing
  - Lightroom Workflow, Photoshop Workflow, Final Cut Pro X Workflow
- Using Aerial Imaging to Tell a Story

- Aerial Video Shot List, Best Still Photo Tips, Supplementing a Project with the Aerial Perspective
- Traveling with your Quadcopter
  - Best Cases for Travel, Multirotors and Airline Travel
- ◆ Final Thoughts, Resources and Inspiration
  - Troubleshooting & Tips Avoiding Prop Shadow and Jello, Inspirational Aerial Films, DJI Ground Station, DJI Inspire Review + Download 4k Sample Footage and RAW DNG Stills, DJI Inspire Quick Tip

#### TIME & COST

5 (Five) days Rp. 9.500.000, - / Participant; include: Training Kits (paper, stationery, bags), practice using drone, snack, lunch & Certificates

Training conducted with min. 4 participants.

#### PENDAFTARAN

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